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District, Beijing 100084 (CN). WANG, Dong [CN/CN];
Tsinghua University, HaiDian District, Beijing 100084
(CN).

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(74) Agent: JEEKAI & PARTNERS; Suite 602, Jinyu Tower,
A129 West Xuan Wu Men Street, XiCheng District, Beijing
100031 (CN).

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(71) Applicants (*for all designated States except US*): CAP-
ITAL BIOCHIP COMPANY LTD. [CN/CN]; Jia No2,
Qinghua West Road, HaiDian District, Beijing 100084
(CN). TSINGHUA UNIVERSITY [CN/CN]; Tsinghua
University, HaiDian District, Beijing 100084 (CN).

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(72) Inventors; and

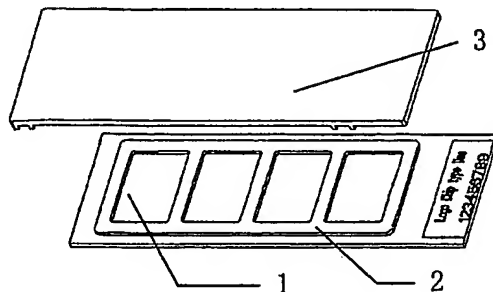
(75) Inventors/Applicants (*for US only*): XIAN, Feijun
[CN/CN]; Tsinghua University, HaiDian District, Beijing
100084 (CN). XING, Wanli [CN/CN]; Tsinghua Univer-
sity, HaiDian District, Beijing 100084 (CN). CHENG,
Jing [CN/CN]; Tsinghua University, HaiDian District,
Beijing 100084 (CN). LIANG, Dong [CN/CN]; Tsinghua
University, HaiDian District, Beijing 100084 (CN).
ZHANG, Liang [CN/CN]; Tsinghua University, HaiDian

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(54) Title: MICROARRAY DEVICES HAVING CONTROLLABLE REACTION VOLUME



(57) Abstract: This invention relates generally to
the field of microarray chips and uses thereof. In
particular, the invention provides a microarray
reaction device that can be used in assaying
the interaction between various moieties, *e.g.*,
nucleic acids, immunoreactions involving proteins,
interactions between a protein and a nucleic acid, a
ligand-receptor interaction, and small molecule and
protein or nucleic acid interactions, etc. Articles
of manufacture and kits comprising the microarray
reaction device and assaying methods using the
microarray reaction device are also provided.